

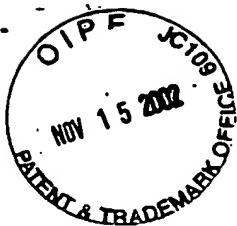
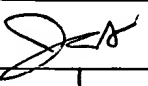
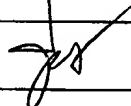
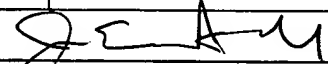


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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>ISIS-4824</b>	Serial No. <b>09/935,316</b>
		Applicant <b>Ching-Leou Teng, et al.</b>	
		Filing Date <b>August 22, 2001</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>AA</b>	Robertson, D., "Crohn's trial shows the pros of antisense," <i>Nature Biotechnol.</i> , March 1997, 15, page 209	
<b>EXAMINER</b> 		<b>DATE CONSIDERED</b> 9-1-2005	



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<b>Form PTO-1449 Modified</b>		Docket No. <b>ISIS-4824</b>	Serial No. <b>09/935,316</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Ching-Leou Teng, et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>August 22, 2001</b>	Group <b>1632</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	✓ 1	Ahmed, A. et al., "Bioadhesive microdevices with multiple reservoirs: a new platform for oral drug delivery", <i>Journal of Controlled Release</i> , 2002, 81, 291-306	
	✓ 2	Duchene, D. et al., "Bioadhesion of solid oral dosage forms, why and how?", <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1997, 44, 15-23	
	✓ 3	Gu, J-M. et al., "Binding of acrylic polymers to mucin/epithelial surfaces: structure-property relationships" <i>CRC Critical Reviews in Therapeutic Drug Carrier Systems</i> , 1988, 5(1), 21-67	
	✓ 4	Kuo, P.Y.P. et al., "Novel systems for controlled delivery of macromolecules", <i>Critical Reviews in Eukaryotic Gene Expressions</i> , 1996, 6(1), 59-73	
	✓ 5	Lehr, C-M. "Bioadhesion technologies for the delivery of peptide and protein drugs to the gastrointestinal tract", <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 1994, 11(2&3), 119-160	
	✓ 6	Ponchel, G. et al., "Specific and non-specific bioadhesive particulate systems for oral delivery to the gastrointestinal tract", <i>Advanced Drug Delivery Reviews</i> , 1998, 34, 191-219	
	✓ 7	Shimoda, J. et al., "Bioadhesive characteristics of chitosan microspheres to the mucosa of rat small intestine" <i>Drug Development and Industrial Pharmacy</i> , 2001, 27(6), 567-576	
	✓ 8	Woodley, J. "Bioadhesion: New possibilities for drug administration?", <i>Clin Pharmacokinet</i> , 2001, 40(2), 77-84	
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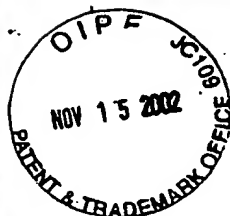
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	Applicant <b>Ching-Leou Teng, et al.</b>	
	Filing Date <b>August 22, 2001</b>	Group <b>1632</b>

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<i>[Signature]</i>	9	RE 33,093	10/17/89	Schiraldi, et al.	424	676
	10	4,713,243	12/15/87	Schiraldi, et al.	424	151
	11	4,948,580	08/14/90	Browning	424	78
	12	5,192,802	03/09/93	Rencher	514	535
	13	5,314,915	05/24/94	Rencher	514	535
	14	5,330,761	07/19/94	Baichwal	424	469
	15	5,364,634	11/15/94	Lew	424	451
	16	5,462,728	10/31/95	Blank, et al.	424	49
	17	5,462,749	10/31/95	Rencher	424	484
	18	5,472,704	12/05/95	Santus, et al.	424	435
	19	5,554,380	09/10/96	Cuca, et al.	424	441
<i>[Signature]</i>	20	5,614,222	03/25/97	Kaplan	424	489

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
EXAMINER	<i>[Signature]</i>					
				DATE CONSIDERED	9-1-2005	

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	Applicant <b>Ching-Leou Teng, et al.</b>	
	Filing Date <b>August 22, 2001</b>	Group <b>1632</b>

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JS	21	5,629,001	05/13/97	Michael, et al.	424	234.1
	22	5,653,959	08/05/97	Tournier, et al.	424	9.32
	23	5,670,138	09/23/97	Venema, et al.	424	52
	24	5,670,163	09/23/97	Cuca, et al.	424	439
	25	5,750,136	05/12/98	Scholz, et al.	424	448
	26	5,770,627	06/23/98	Inoue, et al.	514	772.1
	27	5,783,193	07/21/98	Michael, et al.	424	207.1
	28	5,955,502	09/21/99	Hansen, et al.	514	558
	29	5,989,535	11/23/99	Nayak	424	78.02
	30	6,120,807	09/19/00	Gombotz, et al.	424	501

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					YES	NO

EXAMINER <i>JS AM</i>	DATE CONSIDERED <i>9-1-05</i>
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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>ISIS-4824</b>	Serial No. <b>09/935,316</b>
	Applicant <b>Ching-Leou Teng, et al.</b>	
	Filing Date <b>August 22, 2001</b>	Group <b>1632</b>

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JL</i>	31	6,123,965	09/26/00	Jacob, et al.	424	489
	32	6,156,348	12/05/00	Santos, et al.	424	501
	33	6,200,604 B1	03/13/01	Pather, et al.	424	466
	34	6,207,197 B1	03/27/01	Illum, et al.	424	491
	35	6,217,908 B1	04/17/01	Mathiowitz, et al.	424	493
	36	6,228,383 B1	05/08/01	Hansen, et al.	424	407
	37	6,242,004 B1	06/05/01	Rault	424	472
	38	6,248,720	06/19/01	Mathiowitz, et al.	514	44
	39	6,274,175 B1	08/14/01	Gombotz, et al.	424	501
<i>JL</i>	40	6,280,770 B1	08/28/01	Pather, et al.	424	465

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
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EXAMINER <i>JL</i>	DATE CONSIDERED <i>9-1-2005</i>
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<b>Form PTO-1449 Modified</b>				<b>Docket No.</b> ISIS-4824		<b>Serial No.</b> 09/935,316	
<b>List of Patent and Publications Cited by Applicant (Use several sheets if necessary)</b>				<b>Applicant</b> Ching-Leou Teng, et al.			
				<b>Filing Date</b> August 22, 2001		<b>Group</b> 1632	
<b>U. S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
	41	6,303,147 B1	10/16/01	Gilis	424	484	
	42	6,355,276 B1	03/12/02	Illum, et al.	424	491	
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	44	6,375,963 B1	04/23/02	Repka, et al.	424	402	
	45	6,387,408 B1	05/14/02	Illum, et al.	424	489	
	46	6,391,335 B1	05/21/02	Pather, et al.	424	466	
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<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation</b>		
					<b>YES</b>	<b>NO</b>	
	47	EP 0 250 187 B1	12/23/87	EPO			
	48	EP 0 449 782 A1	10/02/91	EPO			
	49	EP 0 452 268 A2	10/16/91	EPO			
	50	EP 0 516 141 B1	12/02/92	EPO			
	51	EP 0 526 862 B1	02/10/93	EPO			
	52	WO 91/19486	12/26/91	PCT			
	53	WO 95/26715	10/12/95	PCT			
	54	WO 97/13528	04/17/97	PCT			
	55	WO 97/24109	07/10/97	PCT			
	56	WO 00/35418	06/22/00	PCT			
	57	WO 00/47644	08/17/00	PCT			
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				Applicant Ching-Leou Teng, et al.			
				Filing Date August 22, 2001		Group 1632	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
<i>JS</i>	58	WO 02/41765 A2	05/30/02	PCT			
<i>JS</i>	59	GR 870100935	12/07/87	Greece		X	
EXAMINER <i>JS</i>				DATE CONSIDERED 9-1-2005			

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English

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT.**

(use as many sheets as necessary)

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of 1

Application Number

09/935.316

Filing Date

August 22, 2001

**First Named Inventor**

Ching-Leou Teng

**Art Unit**

1632

**Examiner Name**

**Not Yet Known**

Attorney Docket Number

ISIS-4824 (ISIC0005-100)

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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